SEQUENCE LISTING

```
<110> Bennett, C. Frank
          Crooke, Stanley T.
          Manoharan, Muthiah
          Wyatt, Jacqueline R.
Baker, Brenda F.
Monia, Brett P.
Freir, Susan
          McKay, Robert
          Karras, James G.
   <120> Alteration of Cellular Behavior by Antisense Modulation of mRNA Processing
   <130> ISPH-0524
   <150> 09/167,921
   <151> 1998-10-07
   <150> 09/277,020
   <151> 1999-03-26
   <160> 71
   <170> FastSEQ for Windows Version 4.0
<210> 1
   <211> 20
   <212> DNA
   <213> Artificial Sequence
    <220>
   <223> Antisense Oligonucleotide
3
į.
   <400> 1
   caaggacttc ctttcctttc
                                                                            20
ĬŲ
14
   <210> 2
N
   <211> 20
   <212> DNA
   <213> Artificial Sequence
   <220>
   <223> Antisense Oligonucleotide
   <400> 2
                                                                            20
   gccattctac caaggacttc
   <210> 3
    <211> 20
   <212> DNA
   <213> Artificial Sequence
   <223> Antisense Oligonucleotide
   <400> 3
                                                                            20
   acaatgagat gccattctac
```

	<210> 4 <211> 20 <212> DNA <213> Artificial Sequence	·
	<220> <223> Antisense Oligonucleotide	
	<400> 4 tgttgggagc acaatgagat	20
	<210> 5 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 5 agcaggcagc tgttgggagc	20
	<210> 6 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Antisense Oligonucleotide <400> 6 tgagaagatt aacaagacga <210> 7 <211> 20	
	<220> <223> Antisense Oligonucleotide	
T F	<400> 6 tgagaagatt aacaagacga	20
L	<210> 7 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 7 tgcagatgag tgagaagatt	20
	<210> 8 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 8 actctgcaga tgagtgagaa	20
	<210> 9 <211> 3571 <212> DNA <213> Mus musculus	

<400> 9

gaaataattg gtaaacacag aaaatgtttc aatagaaaaa agaggaaaca gaacactgtg 60 tagccctgtt atcagcagag acagagctaa cgctggggat accaaactag aagaagctca 120 ctggacaggt cccggtatgc agttctattt ttgttgatgg ctctgtatct aatgtgttca 180 tttgtaccaa ggatctaacc agggtcttcc agagtctgag caagcttctc ccactgagct 240 acatcacage eccetgitta tiggaagaag aaatacttae acetticeag tatteggeta 300 ccatggtgcc tgtgttacta attcttgtgg gagctttggc aacactgcaa gctgacttac 360 ttaatcacaa aaagttttta cttctaccac ctgtcaattt taccattaaa gccactggat 420 tagctcaagt tcttttacac tgggacccaa atcctgacca agagcaaagg catgttgatc 480 tagagtatca cgtgaaaata aatgccccac aagaagacga atatgatacc agaaagactg 540 aaagcaaatg tgtgaccccc cttcatgaag gctttgcagc tagcgtgagg accattctga 600 agagcagcca tacaactctg gccagcagtt gggtttctgc tgaactcaaa gctccaccag 660 gateteetgg aaceteggtt aegaatttaa ettgtaeeae aeaeaetgtt gtaagtagee 720 acacccactt aaggccatac caagtgtccc ttcgttgcac ctggcttgtt gggaaggatg 780 cccctgagga cacacagtat ttcctatact acaggtttgg tgttttgact gaaaaatgcc 840 aagaatacag cagagatgca ctgaacagaa atactgcatg ctggtttccc aggacattta 900 tcaacagcaa agggtttgaa cagcttgctg tgcacattaa tggctcaagc aagcgtgctg 960 caatcaagec etttgateag etgtteagte caettgeeat tgaccaagtg aateeteeaa 1020 ggaatgtcac agtggaaatt gaaagcaatt ctctctatat acagtgggag aaaccacttt 1080 ctgcctttcc agatcattgc tttaactatg agctgaaaat ttacaacaca aaaaatggtc 1140 acattcagaa qqaaaaactq atcgccaata agttcatctc aaaaattgat gatgtttcta 1200 catattccat tcaagtgaga gcagctgtga gctcaccttg cagaatgcca ggaaggtggg 1260 tcattgtgct cccaacagct gcctgcttcg tcttgttaat cttctcactc atctgcagag 1380 tgtgtcattt atggaccagg ttgtttccac cggttccggc cccaaagagt aacatcaaag 1440 atctccctgt ggttactgaa tatgagaaac cttcgaatga aaccaaaatt gaagttgtac 1500 attqtqtqqa agaggttgga tttgaagtca tgggaaattc cacgttttga tggcattttg 1560 ccattctgaa atgaactcat acaggactcc gtgataagag caaggactgc tatttcttgg 1620 caaggaggta tttcaaatga acactcagag ccaggcggtg gtagagctcg cctttaatac 1680 cagcacctgg gatgcacaga cgggaggatt tctgagttcg aggccagctt ggtctataaa 1740 gtgagttcca ggacagccag agctacacag agaaaccctg tctcgaaaaa acaaacaaac 1800 aaacaaacaa acaaaaatga acactcaatt tgaatgcaag tcaccaaccc atccagacat 1860 gagtcaccaa tgtcccattt cataaagtgt gcatgcctca ctcaaacctc cttgctcaca 1920 gcatagcacc agactcaccc agagcatggg cctttggttt cctacccaga gtaccatgtt 1980 ataccagtgt gtctttgaaa gttgcttgac ttaccttgaa ctttttgcac aggagacagt 2040 ttttttaagc taatgtcaca catgtttact ttgggttaag ttgccagtgg tagcactcag 2100 ctacagtgac aggaggaaag gatagaactc attgagagtg aacccaaatt caagactgtc 2160 tttcctgacg caagtgggag acacaatttc atggtgcttt tcccctttca gttctagaat 2220 agtttccttt ctagaactgt gcctgtgtct taaagcataa ggtaacattg aggcaaaaac 2280 aaagactatg tcccacatgt ccctgtgttc cataggcctg ttcaaggaaa tgtctaagcc 2340 aaagtaagtt taagtcaccg tgcctggggt gaaaaagatg gttcagatga cgaagaagca 2400 tgagggcctg agattgatca accagcatca agaaacaaca acaacaacag cagcagcaac 2460 aacaaaacag tgcaagaagc acattcctat aaccccagag ttgggagata aagacaagag 2520 gatccatggg aattgtagtt caaccagttt agccaattat gttatctcta ggttcactga 2580 gagaaatggt cttaaaaatt taaggtggag agtgactagg cagatcctct gatactgact 2640 gagagaagac agaagcttgt tcaaggatta aattcttcaa ggcttctagg tactctggaa 2760 atgacctgag aaagacattg aaaataattc tgctttggag gtgattgctg gatctagaat 2820 gtacttccca aagagatgtt gatgaaagag ccttcatggc aacctgttgg tcaactcatg 2880 cttagtcaat tctaatctct taaattaggg tttcctatac atattacaat tgtataaaaa 2940 tgtattctct aaatatcttc attaatgaag ctgtatctat aggtcttttt gatgggctga 3000 acatagaagc aaacacactt atgtgttggg aagaggaata agtagtgata gagggaccta 3060 gtggtagtta ttttacatag tcctgaagag ctaaagacaa tgaaagaaga aatggtactc 3120 acaagagaga gagctatgtc ggggtcctgt cagccaaatc ttgctagtat atgcaatagt 3180 gtctgggttt ggtggttgta tattggatgg ttccctgggt ggggcagtct ctggatggtc 3240 tttccttcca tcacagcțct gaaatttgtc tctgtaactc cttccatgag tattttgttc 3300 cccattctaa gaagcagtga agtatccaca ctttggtctt ccttcttctt gagtttcatg 3360 tgttttgcaa attgtgtgcc tggcaataca gaagcagatg ctcacagtca tctattggat 3420 gaaacacagg gcccctaatg aaggagccag agaaagtacc caaggagcta aaagggtctg 3480

	caaccctata gcaggaacaa caatatgaac tacccagcaa ccctcagaaa tgtaaatgaa gaaaatatct aataaaaaaa aaaaaaaaaa a	3540 3571
	<210> 10 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 10 gacttccttt cctttcctgg	20
	<210> 11 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
3772	<400> 11 aacaagacga agcaggcagc	20
	<210> 12 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
٠ <u>.</u>	<400> 12 ctacactctg cagatgagtg	20
	<210> 13 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 13 gccattctat caaggacttc	20
	<210> 14 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 14 gccatgctat caagcacttc	20
	<210> 15	

	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 15	
	gctatcctat caagcacgtc	20
	gecaececae caagcaegee	
	<210> 16	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 16	
	gaetteetta cettteetgg	20
	gacticetta cotteetigg	
	<210> 17	
	<211> 20	
	<212> DNA	
==;	<213> Artificial Sequence	
PP)		
H	<220>	
"늴	<223> Antisense Oligonucleotide	
Ш	<220> <223> Antisense Oligonucleotide <400> 17 gacttcctct tcttccctgg <210> 18 <211> 20 -213 DNR	
	<400> 1/	20
Ü	gacticette	
	<210> 18	
٠	<211> 20	
≆	<212> DNA	
44	<213> Artificial Sequence	
M		
L	<220>	
7U 14 1U	<223> Antisense Oligonucleotide	
! ₩ ₽=9	<400> 18	
	gacetettte cetettetgg	20
	gaccecete	
	<210> 19	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 19	
	gtttttcctt ctgaatgtga	20
	goodddad dagaacgaga	
	<210> 20	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	

	<223> Antisense Oligonucleotide	
	<400> 20 ctttcctttc ccacataaat	20
	<210> 21 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 21 taaatgacac actctgcaga	20
	<210> 22 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 22 taaatgacac ccacataaat	20
u I I	<400> 22 taaatgacac ccacataaat <210> 23 <211> 20 <212> DNA <213> Artificial Sequence <220>	
	<220> <223> Antisense Oligonucleotide	
i W	<400> 23 tcgaaggttt ccacataaat	20
u	<210> 24 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 24 cacctgattg tgtcttgtca	20
	<210> 25 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 25	
	6	

	catctgcttc tgtattgcca	20
	<210> 26 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 26 ctacactctg cagatgagtg	20
	<210> 27 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 27 gacttccttt cctttcctgg	20
	<210> 28 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Antisense Oligonucleotide	
	<220> <223> Antisense Oligonucleotide	
	<400> 28 gccattctat caaggacttc	20
U	<210> 29 <211> 20 <212> DNA <213> Artificial Sequence	
===	<220> <223> Antisense Oligonucleotide	
	<400> 29 gccatgctat caagcacttc	20
	<210> 30 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 30 gctatcctat caagcacgtc	20
	<210> 31	

	<212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 31 acccagcttt ctgcaaaaca	20
	<210> 32 <211> 20 <212> DNA	
	<213> Artificial Sequence <220> <223> Antisense Oligonucleotide	
	<400> 32 tcaacattac ctcatagtta	20
	<210> 33 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
1.1	<400> 33 taaatgacat ctgaaaacag <210> 34	20
	<210> 34 <211> 20 <212> DNA <213> Artificial Sequence	
ızlı	<220> <223> Antisense Oligonucleotide	
:=: :=:	<400> 34 gaacacttac attttacaga	20
æ	<210> 35 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 35 tcatcatttc ctggtggaaa	20
	<210> 36 <211> 20 <212> DNA <213> Artificial Sequence	
	<220>	

	<223> Antisense Oligonucleotide	
	<400> 36	
	tcatcattta ctggtggaaa	20
	<210> 37	
	<211> 20	
	<212> DNA <213> Artificial Sequence	
	(21) Altitital bequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 37	
	tcagcattta ctggtgtaaa	20
	<210> 38	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
. Z=	<400> 38	
= =	tcagcagtta cttgtgtaaa	20
	-210. 20	
ı.	<210> 39 <211> 926	
Ē	<212> DNA	
	<213> Artificial Sequence	
.	<400> 39	
	quatctcttt ctctcccttc agaatcttat cttggctttg gatcttagaa gagaatcact	60
Ŧ	aaccagagac gagactcagt gagtgagcag gtgttttgga caatggactg gttgagccca	120
	tccctattat aaaaatgtct cagagcaacc gggagctggt ggttgacttt ctctcctaca	180
	agetttecca gaaaggatac agetggagte agtttagtga tgtggaagag aacaggactg aggeeccaga agggactgaa teggagatgg agaceeccag tgecateaat ggeaaceeat	
====	aggececaga agggaetgaa teggagatgg agaececeag tgecateaat ggeaacecat cetggeacet ggeagacage ecegeggtga atggagecae tgegeacage ageagtttgg atgecegga ggtgatecee atggeageag taaageaage getgagggag geaggegaeg agtttgaact geggtaeegg egggeattea gtgacetgae atcecagete cacateacee	360
IJ	atgcccqqqa qqtqatcccc atggcagcag taaagcaagc gctgagggag gcaggcgacg	420
	agtttgaact geggtaeegg egggeattea gtgaeetgae ateceagete cacateaeee	480
	cagggacage ataleagage liligaacagg lagigaalga accellegg garggggraa	240
	actggggteg cattgtggee tittieteet teggeggge actgigegig gaaagegiag	600
	acaaggagat gcaggtattg gtgagtcgga tcgcagcttg gatggccact tacctgaatg	720
	accacctaga gccttggatc caggagaacg gcggctggga tacttttgtg gaactctatg ggaacaatgc agcagccgag agccgaaagg gccaggaacg cttcaaccgc tggttcctga	780
	eggeatgae tgtggeegge gtggttetge tgggeteaet etteagtegg aaatgaceag	840
	acactgacca tocactotac cotoccacco cottetetge tocaccacat cotocgtoca	900
	gccgccattg ccaccaggag aacccg	926
	<210> 40	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 40	

	ctacgctttc cacgcacagt	20
	<210> 41 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 41 ctccgatgtc ccctcaaagt	20
	<210> 42 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 42 tcccggttgc tctgagacat	20
	<210> 43 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Antisense Oligonucleotide <400> 43 tcacgttggc gcttagccat	
F IO	<220> <223> Antisense Oligonucleotide	
F	<400> 43 tcacgttggc gcttagccat	20
	<210> 44 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Antisense Oligonucleotide	
	<220> <223> Antisense Oligonucleotide	
	<400> 44 ctggatccaa ggctctaggt	20
	<210> 45 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 45 ccagccgccg ttctcctgga	20
	<210> 46	

	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 46	
	tagagttcca caaaagtatc	20
	0.10	
	<210> 47	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	(21) Artificial bequence	
	<220>	
	<223> Antisense Oligonucleotide	
	-	
	<400> 47	
		20
	caaaagtatc ccagccgccg	20
	<210> 48	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
===		
	-220	
	2002 Authingung Olimpungloptido	
tar L I	<223> Antisense Oligonucieotide	
,# 1		
Li	<400> 48	
 	accaccatte tectagates	20
	<220> <223> Antisense Oligonucleotide <400> 48 gccgccgttc tcctggatcc <210> 49 <211> 20 <212> DNA <213> Artificial Sequence	
İΩ		
	<210> 49	
a jazz	<211> 20	
۱.,	<212> DNA	
	212. Artificial Company	
2	<213> Artificial Sequence	
ļ.	<213> Artificial Sequence	
71 !	<220>	
: ₩	<223> Antisense Oligonucleotide	
711	.400. 40	
1	<400> 49	2.0
C	gtteetggee ettteggete	20
IJ		
±==	<210> 50	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 50	
		20
	caggaaccag cggttgaagc	
	<210> 51	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	

	<223> Antisense Oligonucleotide	
	<400> 51	20
	ccggccacag tcatgcccgt	20
	<210> 52	
	<211> 20	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 52	
	tgtagcccag cagaaccacg	20
	<210> 53	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
====	<400> 53	
	ctggttacac gactccaggt	20
-1	<400> 53 ctggttacac gactccaggt <210> 54 <211> 20 <212> DNA <213> Artificial Sequence <220>	
Ļ	<211> 20	
Ę	<212> DNA <213> Artificial Sequence	
Q	2137 Altilitud bequence	
rjes Li	<220> <223> Antisense Oligonucleotide	
***	<2235 Antisense Oligonucieotide	
-	<400> 54	
1.7	ctctaggtgg tcattcaggt '	20
-4	<210> 55 <211> 20 <212> DNA <213> Artificial Seguence	
Ų	<211> 20	
	<212> DNA <213> Artificial Sequence	
	<213> Altilitial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 55	
	ggctctaggt ggtcattcag	20
	<210> 56	
	<211> 20	
	<212> DNA <213> Artificial Sequence	
	(213) Altititat bequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 56	
	aggetetagg tggteattea	20

	<210> 57	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	.220	
	<220> <223> Antisense Oligonucleotide	
	22237 Antisense Offgondereotide	
	<400> 57	
	aaggetetag gtggteatte	20
	<210> 58	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 58	
	ccaaggctct aggtggtcat	20
	010 50	
	<210 > 59	
	<211> 20 <212> DNA	
	<213> Artificial Sequence	
<u>.</u>]	<220>	
.Lĺ	<223> Antisense Oligonucleotide	
=	<212> DNA <213> Artificial Sequence <220> <223> Antisense Oligonucleotide <400> 59 atccaaggct ctaggtggtc <210> 60 <211> 20	
'n	<400> 59	20
Ez	atccaagget ctaggiggic	20
, - L	<210 > 60	
	<211> 20	
	<211> 20 <212> DNA <213> Artificial Sequence	
12 2	<213> Artificial Sequence	
¥		
===	<220>	
U	<223> Antisense Oligonacieotiae	
	<220> <223> Antisense Oligonucleotide <400> 60 ggatccaagg ctctaggtgg	
	gqatccaagg ctctaggtgg	20
	<210> 61	
	<211> 20	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Antisense Oligonucleotide	
	<400> 61	•
	tcctggatcc aaggctctag	20
	-210 . 62	
	<210> 62 <211> 20	
	<211> 20 <212> DNA	
	<213> Artificial Sequence	

	<220> <223> Antisense Oligonucleotide	
	<400> 62 tctcctggat ccaaggctct	20
	<210> 63 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 63 gttctcctgg atccaaggct	20
	<210> 64 <211> 20 <212> DNA <213> Artificial Sequence	
n natu	<220> <223> Antisense Oligonucleotide	
[] [] []	<400> 64 gccgttctcc tggatccaag	20
	<pre><400> 64 gccgttctcc tggatccaag <210> 65 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Antisense Oligonucleotide <400> 65 ccgccgttct cctggatcca <210> 66 <211> 20 <212> DNA</pre>	
	<220> <223> Antisense Oligonucleotide	
TU L	<400> 65 ccgccgttct cctggatcca	20
	<210> 66 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 66 cataagcaca tttattgtca	20
	<210> 67 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 67	

	agaaagagac ttaacacaga	20
	<210> 68 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 68 catcagaact tatatagtca	20
	<210> 69 <211> 20 <212> DNA <213> Artificial Sequence	
	<220> <223> Antisense Oligonucleotide	
	<400> 69 agacagtgaa tcaactcaga	20
	<210> 70 <211> 25 <212> DNA <213> Artificial Sequence <220> <223> Antisense Oligonucleotide <400> 70 gcttttatta gttcaaaacg tttgg	
u T T	<220> <223> Antisense Oligonucleotide	
E W	<400> 70 gcttttatta gttcaaaacg tttgg	25
	<210> 71 <211> 27 <212> DNA <213> Artificial Sequence	
<u> </u>	<220> <223> Antisense Oligonucleotide	
	<400> 71 caqaacttta ttctggttaa catcatg	27